

## Evolution and adaptation

### Classroom activity pack

This pack contains a series of activities for you to complete with your class both before and after your visit to Kew.

You may choose to do all the activities or just select one. Post-visit activities are intended to build on the learning from the educational session at Kew. Many of the resources can be used on a whiteboard or can be printed.



## Pre-visit teacher notes



## KS5 Evolution and adaptation

Thank you for booking the Evolution and Adaptation education session at Kew. You can use the pre-visit activity to support your pupils' learning.

Ahead of your visit, your pupils could answer the question below. They can tell us about their answers when they come to Kew.



### Question:

Within the Princess of Wales conservatory, we have hundreds of species of plants from around the world. At one point these all shared a common ancestor. How could they have diversified to become so many different species?

### You can encourage your pupils to discuss:

Natural selection

Allopatric and sympatric speciation

Isolation mechanisms

Genetic drift

## Pre-visit pupil activity

### KS5 Evolution and adaptation

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